

AMENDMENTS TO THE CLAIMS

This listing of the claims will replace all previously submitted claims:

1. (Previously Presented) A method of providing a service to wireless stations through a telecommunication network, the service being identified by a unique service identifier stored in the telecommunication network and in at least one subscriber station among said wireless stations, the method comprising the steps of:

- determining a paging identifier in the telecommunication network and at said subscriber station, by applying a hash function to a data string including at least part of the unique service identifier;
- associating said subscriber station with the determined paging identifier; and
- prior to transmitting information pertaining to the service over a broadcast channel, transmitting a paging message incorporating said paging identifier to the wireless stations.

2. (Original) A method as claimed in claim 1, wherein the information pertaining to the service, transmitted over the broadcast channel, includes the unique service identifier, and wherein a wireless station associated with said paging identifier responds to the paging message by switching to the broadcast channel, receiving the transmitted unique service identifier and checking whether the received service identifier matches the service identifier stored in said wireless station.

3. (Previously Presented) A method as claimed in claim 1, wherein said data string further includes an indication of a type of the service.

4. (Previously Presented) A method as claimed in claim 1, wherein the unique service identifier includes an address associated with the service and an indication of a scope within which said address is unique.

5. (Previously Presented) Telecommunication network equipment for participating in the provision of services to wireless stations, the equipment comprising:

- means for storing unique service identifiers respectively identifying the services;
- means for determining a respective paging identifier associated with each of the services, by applying a hash function to a data string including at least part of the unique identifier for said service; and
- means for transmitting a paging message incorporating the paging identifier associated with one of the services to the wireless stations, prior to transmitting information pertaining to said one of the services over a broadcast channel.

6. (Original) Equipment as claimed in claim 5, wherein the information pertaining to the service transmitted over the broadcast channel includes the unique service identifier.

7. (Previously Presented) Equipment as claimed in claim 5, wherein the data string including at least part of the unique service identifier further includes an indication of a type of the service.

8. (Previously Presented) A wireless station for communicating through a telecommunication network, the wireless station comprising:

- means for storing at least one unique service identifier identifying a respective service to which the station has a subscription;
- means for determining a paging identifier, by applying a hash function to a data string including at least part of the unique service identifier; and
- means for receiving a paging message incorporating said paging identifier and, in response thereto, switching to reception over a broadcast channel to

receive information pertaining to the service as transmitted from the telecommunication network.

9. (Original) A wireless station as claimed in claim 8, further comprising means for detecting a service identifier in the information received over the broadcast channel and means for checking whether the detected service identifier matches the stored unique service identifier.

10. (Previously Presented) A wireless station as claimed in claim 8, wherein said data string further includes an indication of a type of the service.